



# LIST OF INFORMATION DISCLOSED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOROTHY NEW 10888.105001	SERIAL NO. 10/690,838	FILING DATE October 22, 2003
APPLICANT Danny Marshall Day et al.		GROUP ART UNIT 1754

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	6,447,437	09/10/02	James W. Lee et al.			

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AB	B. Glaser et al., Black Carbon in Soils: The Use of Benzenecarboxylic Acids as Specific Markers, 1998, Org Geochem 29:811-819.
AC	T. Asada et al., Science of Bamboo Charcoal: Study on Carbonizing Temperature of Bamboo Charcoal and Removal Capability of Harmful Gases, 2002, Journal of Health Sciences 48(6), 473-479.
AD	D. Day, Activities Web Report of a 100 Hour Production Run of Hydrogen From Biomass in Blakely, Georgia, United States; 2002, <a href="http://www.eprida.com/hydro/technical_overview.htm">http://www.eprida.com/hydro/technical_overview.htm</a> .
AE	D.G. Gavin et al., Holocene Fire History of a Coastal Temperate Rain Forest Based on Soil Charcoal Radiocarbon Dates, 2003, In Press for Ecology.
AF	IPCC, Climate Change 2001: The Scientific Basis, 2001, Intergovernmental Panel on Climate Change, <a href="http://www.grida.no/climate/ipcc_tar/wg1/index.html">http://www.grida.no/climate/ipcc_tar/wg1/index.html</a> .
AG	M. Walsh et al., Biomass Feedstock Availability in the United States: 1999 State Level Analysis, 1999, <a href="http://www.bioenergy.ornl.gov/resourcedata/index.html">http://www.bioenergy.ornl.gov/resourcedata/index.html</a> .
AH	Y. Yeboah et al., Hydrogen from Biomass for Urban Transportation, Proceedings of the 2002 United States Department of Energy Hydrogen Program Review, 2002.
AI	F. Yelverton, The Use of Activated Carbon to Inactivate Agricultural Chemical Spills, North Carolina Cooperative Extension Service, March 1996, <a href="http://www.bae.ncsu.edu/bae/programs/extension/publicat/wqwm/ag442.html">http://www.bae.ncsu.edu/bae/programs/extension/publicat/wqwm/ag442.html</a> .
AJ	J.W. Lee et al., A Novel Strategy for CO2 Sequestration and Clean Air Protection, Proceedings of First National Conference on Carbon Sequestration, Washington, D.C., May 14-17, 2001, <a href="http://www.netl.doe.gov/publications/proceedings/01/carbon_seq/p12.pdf">http://www.netl.doe.gov/publications/proceedings/01/carbon_seq/p12.pdf</a> .
AK	J.W. Lee et al., Integration of Coal-Fired Energy Systems with CO2 Sequestration through NH4HCO3 Production, 2003, Energy Conversion Management, 44:1535-1546.
AL	P. Schleppi et al., Simulation of Increased Nitrogen Deposition to a Montane Forest Ecosystem: Partitioning of the Added N, 1999, Water Air Soil Pollution, 116:129-134.

EXAMINER

DATE CONSIDERED 1/9/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449, Adapted

**LIST OF INFORMATION DISCLOSED BY APPLICANT***(Use several sheets if necessary)*ATTY. DOCKET NO.  
10888.105001SERIAL NO.  
10/690,838FILING DATE  
October 22, 2003APPLICANT  
Danny Marshall Day et al.GROUP ART UNIT  
1754**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

AM	B. Glaser et al., Ameliorating Physical and Chemical Properties of Highly Weathered Soils in the Tropics with Charcoal - a Review, 2002, Biology and Fertility of Soils, 35:219-230.
AN	International Cooperation in Agriculture and Forestry, Application of Rice Husk Charcoal, Taiwan, 2002, Leaflet 03-01, <a href="http://www.agnet.org/library/article/pt2001004.html">http://www.agnet.org/library/article/pt2001004.html</a> .
AO	J. Pietikainen, Soil Microbes in Boreal Forest Humus After Fire (Thesis), 1999, <a href="http://www.thesis.helsinki.fi/julkaisut/maa/mekol/vk/pietikainen/soilmicr.html">http://www.thesis.helsinki.fi/julkaisut/maa/mekol/vk/pietikainen/soilmicr.html</a> .
AP	E. Godsy, Impact of Human Activity on Groundwater Dynamics, Proceedings of Sixth IAHS Scientific Assembly Symposium, Maastricht, The Netherlands, July 2001, IAHS Publication No. 269, 303-309.
AQ	Oberstienner et al., Biomass Energy, Carbon Removal and Permanent Sequestration - A Real Option for Managing Climate Risk, Laxenburg, Austria, 2002, International Institute for Applied Systems Analysis, Report No. IR-02-042.
AR	Athon et al., CO2 Sequestration from Coal Fired Power Plant Flue Gas, a Pre-Patent Confidential Design Project Study for Co-Author J. Lee, University of Tennessee, 2000, <a href="http://www.epri.com/hydro/ecoss/background/CO2seqeconomics.pdf">http://www.epri.com/hydro/ecoss/background/CO2seqeconomics.pdf</a> .
AS	World Fertilizer Use, The Fertilizer Institute, 2003, <a href="http://www.tfi.org/statistics/worldfertuse.asp">http://www.tfi.org/statistics/worldfertuse.asp</a> .
AT	M. Mann, Life Cycle Assessment of a Biomass Gasification Combined-Cycle System, National Renewable Energy Laboratory Report, United States, 1997.
AU	C. Mann, The Real Dirt on Rain Forest Fertility, Science 2002, 297:920-923.
AV	T. Hoshi, Web Report of Growth Studies with Charcoal Amendments on Green Tea Yields, 2002, <a href="http://www.fb.u-tokai.ac.jp/www/hoshi/cha">http://www.fb.u-tokai.ac.jp/www/hoshi/cha</a> .
AW	B. Glaser et al., Potential of Pyrolyzed Organic Matter in Soil Amelioration, 2002, 12 <sup>th</sup> ISCO Conference, China, 3:421.
AX	M. Nishio, Microbial Fertilizers in Japan, National Institute of Agro-Environmental Sciences Bulletin, Japan, 1999.
AY	World Carbon Dioxide Emissions from the Consumption of Coal, 1992-2001, <a href="http://www.eia.doe.gov/emeu/iea/table4.html">http://www.eia.doe.gov/emeu/iea/table4.html</a> .

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



# LIST OF INFORMATION DISCLOSED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.	FILING DATE
10888.105001	10/690,838	October 22, 2003
APPLICANT		GROUP
Danny Marshal Day et al.		1754

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	6,447,437	09/10/02	Lee et al.			

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AB	Fakoussa RM, Hofrichter M (1999) Biotechnology and microbiology of coal degradation. Appl Microbiol Biotechnol 52:25-40.
AC	Shneour EA (1966) Oxidation of graphitic carbon in certain soils. Science 151:991-992.
AD	Hao, Y. L., Lal, R., Izaurralde, R. C., Ritchie, J. C., Owens, L. B. and Hothem, D. L. 2001. Historic assessment of agricultural impacts on soil and soil organic carbon erosion in an Ohio watershed. Soil Science 166: 116-126.
AE	Vitousek, P.M. 1991. Can planted forests counteract increasing atmospheric carbon dioxide? Journal of Environmental Quality 20: 348-354.
AF	Haumaier L, Zech W (1995) Black carbon - possible source of highly aromatic components of soil humic acids. Org Geo-chem 23:191-196.
AG	Matsui, T. et al, Preparation and Analysis of Carbonization Products from Sgi, Cryptomra japonica D. Don) Wood. Nippon Kagakukaishi 2000; 1:53-61 (Japanese).
AH	Wardle, D. A. et al., The charcoal effect in Boreal forests: mechanisms and ecological consequences, Oecologia 1998; Volume 115 Issue 3: 419-426.
AI	Li, E. Hagaman, C. Tsouris, and J. W. Lee, "Removal of carbon dioxide from flue gas by ammonia carbonation in the gas phase," Energy & Fuels 2003; 17: 69-74.
AJ	Kaiser et al, Nitrous Oxide Release from Arable Soil: Importance of N Fertilization, Crops and Temporal Variation; Soil Biological Biochemistry 1998, Germany;30, no12: 1553-1563.
AK	Zackrisson, O. 1977. Influence of forest fires on the North Swedish boreal forest. Oikos 29: 22-32.
AL	De Laat, J., Bouanga, F. & Dore, M. 1985. Influence of microbiological activity in granular activated carbon filters on the removal of organic compounds. The Science of the Total Environment 47: 115-120.
AM	Kim, D.-J., Miyahara, T. & Noike, T. 1997. Effect of C/N ratio on the bioregeneration of biological activated carbon. Water Science and Technology 36: 239-249.

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.